



**Eg:**

```
1. d={100:"durga",200:"ravi",300:"shiva"}
2. print(d.setdefault(400,"pavan"))
3. print(d)
4. print(d.setdefault(100,"sachin"))
5. print(d)
6.
7. Output
8. pavan
9. {100: 'durga', 200: 'ravi', 300: 'shiva', 400: 'pavan'}
10. durga
11. {100: 'durga', 200: 'ravi', 300: 'shiva', 400: 'pavan'}
```

### **10. update():**

**d.update(x)**

All items present in the dictionary x will be added to dictionary d

**Q. Write a program to take dictionary from the keyboard and print the sum of values?**

```
1. d=eval(input("Enter dictionary:"))
2. s=sum(d.values())
3. print("Sum= ",s)
4.
5. Output
6. D:\Python_classes>py test.py
7. Enter dictionary: {'A':100,'B':200,'C':300}
8. Sum= 600
```

**Q. Write a program to find number of occurrences of each letter present in the given string?**

```
1. word=input("Enter any word: ")
2. d={}
3. for x in word:
4.     d[x]=d.get(x,0)+1
5. for k,v in d.items():
6.     print(k,"occurred ",v," times")
7.
8. Output
9. D:\Python_classes>py test.py
10. Enter any word: mississippi
11. m occurred 1 times
12. i occurred 4 times
13. s occurred 4 times
```